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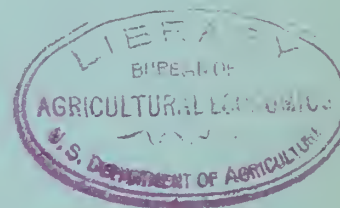
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IOWA AGRICULTURAL STATISTICS

HAMILTON COUNTY



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County Statistical Bulletin

No. 58

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

* * * * *

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IOWA STATE COLLEGE EXTENSION SERVICE
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IOWA AGRICULTURAL STATISTICS - HAMILTON COUNTY

County Statistical Bulletin No. 58

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa Unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, State and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 25 and 27.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and Tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
December, 1940

IOWA AGRICULTURAL STATISTICS - HAMILTON COUNTY

When this county was first established, in 1851, it was named Risley, but the Fourth General Assembly changed the name to Webster. At the same session, Webster County was enlarged by consolidating it with Yell County, which joined it on the west. In 1857, it was definitely established under its own name by taking from Webster County the territory on the east which was formerly embraced in Risley County. It was named for W. W. Hamilton, the president of the State Senate at that time.

Wilson Brewer and Nathan and William Stanley were the first settlers within the limits of the county. They made claims on the Boone River in November, 1850, where Brewer and a William Frake laid out a town which they named Newcastle. In 1856, Brewer and Frake sold their interest in Newcastle to Walter C. and Sumler Wilson who changed the name to Webster City. This place became the county-seat when the county was formally organized in 1857. 1/

Another account of the first settler in the county gives the honor to Preston Bell, who, as near as can be ascertained, took a claim within the northeast quarter of Section 30, Township 37 North and Range 26 West. The Bells lived on the old homestead for many years. The Indians were a constant menace to the settlers, which very likely accounts for its sparse settlement for a long time.

The Dubuque and Sioux City Railroad was built through the county to Webster City and the first train entered that city on April 6, 1869. 2/

Area

Hamilton County is approximately 24 miles each way, but the northern tier of townships is set over to the west about two miles because of the correction line along the north boundary of township 38. The area of the county is 570 square miles 3/, or 364,800 acres. Of this number, 363,229 acres are listed as farm land. 4/ There are 17 townships in the county and it ranks thirty-third in point of size in the State, sharing this place with Cedar, Hancock and Warren counties.

Soils

The soils of Hamilton County are grouped into 3 classes according to their origin and location; namely, drift, terrace, and swamp and bottom-land soils. The drift soils cover 96.1 percent of the county and are divided into

-
- 1/ Gae, B. F., History of Iowa. Vol. III, pp. 352-353. The Century History Co., New York City. 1903.
 - 2/ Lee, J. W., History of Hamilton County, Iowa. Vol. I, pp. 29, 149. The S. J. Clarke Publishing Co., Chicago. 1912.
 - 3/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. I, pp. 362-363.
 - 4/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 13.

Webster loam--53.0 percent, Webster clay loam--8.5 percent, Carrington loams--16.4 percent, Clarion loam--12.0 percent, Conover silt loam--0.8 percent, and Rogers silt loam--0.4 percent. The terrace soils cover 1.8 percent of the area and are divided into Waukesha loam--0.9 percent, and Hancock very fine sandy loam--0.9 percent. The swamp and bottom-land soils cover 2.1 percent of the area and are divided into Tabash loam--1.2 percent, peat--0.6 percent, muck--0.2 percent, and meadow--0.1 percent. 5/

Topography

The surface of this county is level to gently undulating, but in many localities there are variations from this condition. The level prairies are broken by steep slopes, especially along the Boone River, where there are extensive valleys, prominent hills and numerous low swells. Many so-called "morainic hills" occur, ranging from 50 to 75 feet in height. These are regular in shape and resemble mounds. The most striking occurrence of this is found south and east of Stratford in the southwest corner of the county. There is also a series of knobby mounds extending north from Randall and Wall Lake, east and north from Jewell, through swells and scattered hills to higher hills east of what was formerly Iowa Lake. A similar chain of hills begins at the southwest corner of the county and extends across it in the vicinity of Stanhope, Kamrar and Blairsburg. There are shallow, marshy lakes on the uplands, the largest being Mud Lake north of Jewell, which is partially drained. Wall Lake is a shallow body of water just south of Jewell and is about half a square mile in area. The county slopes to the south and the drainage is accomplished by the Boone River, the Skunk River, and a few tributaries of the Iowa River in the east. 6/

Climate

The temperature in Hamilton County has averaged 47.3 degrees for 25 years (1905-1930). The average rainfall has been 30.15 inches for 60 years (1870-1930); and the growing season was 142 days between the killing frost dates of May 13 and October 12 for 30 years (1900-1930). 7/

Population

The State census of 1852 recorded 122 inhabitants. Since then it has shown a steady growth, not being affected by the lag common to most counties of the State after 1900. It has a density of 37 persons per square mile, as compared with the State density of 44.

5/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Hamilton County. Soil Survey Report No. 20: 9-10. 1921.

6/ Ibid. pp. 7-9.

7/ United States Weather Bureau. Climatic Summary of the United States from the establishment of stations to 1930, inclusive. Section 51--Central Iowa. pp. 17-19. 1933.

The following table shows the number of inhabitants at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1860	1,699	-	-
1870	6,055	-	-
1880	11,252	-	-
1890	15,319	-	-
1900	19,514	7,557	12,157 <u>8/</u>
1910	19,242	3,550	10,392
1920	19,531 <u>9/</u>	9,376 <u>11/</u>	10,155
1930	20,978 <u>10/</u>	10,563	10,415
1935	-	-	10,006 <u>12/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage content of this county was 6,950, or 33.1 percent of the total population. Of this number, those of Norwegian descent predominated with 2,693, the Germans came next with 1,584, the Swedes had 941, and the Danes had 551. Other nationalities had very small representations. 13/

Cooperatives

In 1937 there were 13 cooperative institutions in operation in this county --10 elevators, 1 creamery, 1 livestock enterprise and 1 petroleum plant.

As a whole, they had 1,692 members of which 1,245 were active, and 2,955 persons did business with the 13 concerns. The selling cooperatives had a business volume of \$1,633,667 and the purchasing cooperatives transacted \$404,842 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 14/

Fruit

The year 1909 was the best for apples--26,334 trees and 19,663 bushels being reported. Cherries had 10,360 trees listed in 1909 but the peak production, 256 bushels, occurred in 1934. Peaches have been of no importance.

8/ Unless otherwise indicated, rural population figures were obtained by deducting the urban from total population.

9/ Census of Iowa. 1925. pp. 710-711. 1926.

10/ Ibid. pp. 925 et seq.

11/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.

12/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 13.

13/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 13-19. pp. 785-788.

14/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.

The largest number of plum trees, 13,293, were reported in 1884, but the best yield, 1,212 bushels, was listed in 1934. The best year for grapes was in 1909, when, 9,355 vines produced 59,248 pounds. 15/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

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- 15/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
 3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2138	353335	165	142989	45	105984	41	349	25	2916	30
1930	2234	355218	159	146804	35	105924	39	238	13	1461	31
1931	2183	358051	164	152334	34	103329	31	292	21	1207	24
1932	2160	356911	165	151102	42	105546	33	129	21	1763	22
1933	2227	359182	161	148950	52	111094	31	374	23	1742	23
1934	2213	360316	162	120708	27	100303	10	307	11	1403	9
1935	2221	359956	162	130835	41	112895	34	107	13	2206	25
1936	2167	358304	166	144178	21	95676	33	307	29	749	21
1937	2132	360034	169	145918	54	101184	43	693	22	1032	36
1938	2175	360858	166	135618	56	98547	32	527	18	1255	29
10 Yr. Ave.	2186	358316	164	141944	41	104048	33	337	21	1574	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	296	21	67	12	4	35	28	4789	14484
1930	247	10	31	13	-	53	37	5503	14248
1931	161	13	16	26	-	-	6	6300	14147
1932	86	12	42	15	-	-	-	6424	15413
1933	162	25	72	18	5	6	40	7253	14595
1934	335	11	164	12	-	31	23	7738	20545
1935	636	13	867	17	77	-	82	6015	18193
1936	394	18	484	15	35	42	54	8065	16482
1937	515	20	1189	18	12	80	26	10648	18039
1938	363	19	2040	22	19	342	398	10721	22884
10 Yr. Ave.	320	16	497	19	16	59	69	7346	16683

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber Only Acres	Waste-land Acres	Idle Crop Land Acres
1929	1570	63778	742	17858	618	2059	93
1930	1461	63336	1473	18112	608	1094	94
1931	1213	63452	808	18775	687	1475	149
1932	1028	60866	980	18339	814	2008	790
1933	1069	59261	1336	17625	794	1854	409
1934	1293	64726	2170	18734	592	3081	25932
1935	1009	66268	2924	18657	761	3048	1391
1936	971	64680	1060	19332	539	2214	11649
1937	942	62960	1686	19443	462	2072	3855
1938	816	67910	1264	19601	135	2634	6847
10 Yr. Ave.	1137	63724	1444	18648	601	2154	5121

10 Year Average Acres: Flaxseed 95 ; Spring Wheat 286 ; Popcorn 6 . (Acreages also shown in "All Other Crops.")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	6,055	2.00	4,789	3.52	1,570	1.25	14,484	2.54
1930	6,100	1.76	5,503	2.97	1,461	1.56	14,248	2.17
1931	4,733	.74	6,300	1.66	1,213	.66	14,147	1.19
1932	3,203	1.34	6,424	2.57	1,028	1.39	13,413	1.92
1933	5,726	1.25	7,253	2.38	1,069	.92	14,395	1.82
1934	3,864	.79	7,738	1.50	1,293	.70	20,545	1.20
1935	2,572	1.41	6,015	2.36	1,009	1.21	18,193	1.61
1936	4,203	1.20	8,065	1.35	971	.94	16,482	1.22
1937	3,344	1.33	10,648	2.77	942	1.10	18,039	2.27
1938	4,415	1.45	10,721	2.30	816	1.30	22,884	1.91
10 Yr. Ave.	4,422	1.37	7,346	2.29	1,137	1.11	16,683	1.77

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Blairsburg Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	103	21603	210	9410	47	6696	48	40	18	124	36
1930	112	22394	200	9791	36	7343	41	40	17	44	54
1931	103	21917	213	10457	35	6617	32	-	-	17	29
1932	104	21823	210	9966	40	6965	31	-	-	20	15
1933	110	22067	201	9909	56	7500	32	5	21	-	-
1934	107	22510	210	8170	32	6767	12	-	-	60	14
1935	104	22549	217	9148	40	7663	36	-	-	102	28
1936	104	22573	217	9725	23	6285	35	8	20	34	24
1937	102	22566	221	9858	54	6662	45	20	10	57	35
1938	103	22350	217	8824	56	6591	33	-	-	45	31
10 Yr. Ave.	105	22235	211	9526	42	6909	34	11	17	50	31

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	303	925
1930	12	25	-	-	-	-	-	403	951
1931	-	-	14	29	-	-	-	433	851
1932	-	-	25	16	-	-	-	411	794
1933	-	-	10	33	-	-	-	395	634
1934	-	-	23	20	-	-	-	437	1360
1935	3	20	265	19	12	-	12	328	866
1936	-	-	165	16	-	4	20	495	1008
1937	5	14	268	17	8	-	3	715	1070
1938	22	20	312	18	-	-	71	819	1380
10 Yr. Ave.	4	21	108	18	2	.4	11	474	984

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	46	3132	8	1206	-	16	-
1930	32	2990	-	1186	-	5	-
1931	13	2758	-	1161	-	29	-
1932	9	2855	-	1169	-	-	20
1933	6	2851	32	1099	-	21	-
1934	70	2922	196	1173	-	75	1694
1935	34	2866	120	1173	-	35	250
1936	6	2833	27	1148	-	64	1250
1937	8	2774	10	1195	-	49	579
1938	3	3881	-	1165	-	51	5
10 Yr. Ave.	23	2986	39	1168	0	34	380

10 Yr. Ave. Acres - Spring Wheat 3

*Included in "All Tame Hay."

Flaxseed 4 Popcorn .1

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Cass Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	149	21503	144	8238	44	5871	34	5	10	130	22
1930	141	20925	148	8150	30	5748	33	3	10	48	29
1931	148	21630	146	8632	27	5469	22	7	20	76	14
1932	148	21924	148	8479	31	5808	21	3	17	53	7
1933	142	21536	152	8185	54	6107	28	3	15	15	3
1934	140	22152	158	6814	30	5550	12	23	11	10	13
1935	137	21436	156	7419	41	5957	35	25	20	14	30
1936	123	20774	169	7919	19	5102	32	5	20	-	-
1937	123	20721	168	7826	51	5341	47	17	18	18	29
1938	130	20815	160	7230	54	5292	35	39	13	44	21
10 Yr. Ave.	138	21342	155	7894	38	5628	30	13	15	41	19
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY		All Tame Hay Acres	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*			
1929	-	-	-	-	-	-	20	307	886		
1930	-	-	5	16	-	-	-	325	986		
1931	42	15	-	-	-	-	-	402	1028		
1932	-	-	-	-	-	-	-	408	973		
1933	1	40	-	-	-	-	-	461	966		
1934	35	8	32	10	-	15	18	485	1497		
1935	29	17	30	22	4	-	-	421	1208		
1936	17	25	39	12	35	-	-	378	1100		
1937	30	20	53	12	-	-	-	454	1244		
1938	80	14	88	19	-	10	-	358	1464		
10 Yr. Ave.	23	15	25	16	4	2	4	400	1136		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	55	4790	65	1195	-	248	-				
1930	75	4620	144	1050	34	62	-				
1931	29	4739	96	1154	1	357	-				
1932	37	4452	81	1115	64	520	334				
1933	51	4536	199	1046	14	289	124				
1934	41	5350	282	1066	14	368	1052				
1935	45	5109	119	1066	48	200	123				
1936	48	4392	54	1025	260	148	630				
1937	37	4308	52	1081	215	217	282				
1938	18	4658	25	1114	51	243	419				
10 Yr. Ave.	44	4695	112	1091	70	265	296				

10 Yr. Ave. Acres - Spring Wheat 50

Popcorn 2 Flaxseed .5

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

11

Clear Lake Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	145	22102	152	8821	48	6668	41	3	33	203	29
1930	142	21193	149	8647	35	6160	38	-	-	45	29
1931	141	21402	152	8330	39	6238	35	-	-	39	31
1932	139	21099	152	8933	40	6032	35	-	-	64	19
1933	145	21983	152	9224	52	6647	28	-	-	74	19
1934	136	21150	156	7185	26	5446	8	-	-	12	10
1935	141	21269	151	7791	43	6674	33	-	-	89	28
1936	146	21803	149	9005	25	5801	30	-	-	17	20
1937	143	21996	154	9073	52	6253	49	16	30	50	43
1938	139	21345	154	8529	58	5718	32	-	-	84	28
10 Yr. Ave.	142	21534	152	8607	43	6164	35	2	31	68	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	3	27	8	10	4	20	-	344	951
1930	-	-	-	-	-	-	-	391	858
1931	-	-	-	-	-	-	-	387	979
1932	-	-	-	-	-	-	-	392	773
1933	6	20	3	18	-	-	-	434	925
1934	6	1	-	-	-	-	-	491	1097
1935	18	11	49	27	-	-	-	404	1207
1936	6	16	-	-	-	-	-	576	1027
1937	9	20	-	-	-	-	-	693	1113
1938	-	-	37	29	-	-	13	737	1342
10 Yr. Ave.	5	14	10	26	.4	2	1	485	1027

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	211	3860	11	1236	2	119	2
1930	216	3993	10	1198	-	66	-
1931	316	3763	-	1174	-	63	-
1932	210	3765	30	1261	-	1	-
1933	204	3632	-	1204	12	52	-
1934	171	4351	22	1183	6	86	1585
1935	198	3849	43	1221	-	97	33
1936	193	3946	8	1236	-	88	476
1937	193	3903	46	1210	7	69	49
1938	157	4075	18	1292	-	66	14
10 Yr. Ave.	207	3914	19	1222	3	71	216

10 Yr. Ave. Acres - Spring Wheat 4

Flaxseed 0 Popcorn .3

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS

Ellsworth Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	157	22020	140	8392	48	6232	43	100	22	150	33
1930	158	22129	140	9053	31	6270	39	79	13	166	33
1931	160	21375	137	9430	41	5623	37	241	21	105	28
1932	152	21244	140	9053	49	5855	36	37	18	177	20
1933	166	22055	133	9313	53	6243	31	273	23	181	26
1934	166	21465	129	7376	32	5623	13	193	12	93	12
1935	160	21840	136	7826	42	6312	37	40	6	153	26
1936	152	21831	144	8812	21	5398	31	169	33	66	34
1937	150	21935	146	8732	55	5936	51	284	23	91	48
1938	148	21604	146	8076	54	5623	30	267	19	40	15
10 Yr. Ave.	157	21799	139	8656	43	5912	35	168	21	122	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	26	19	-	-	-	406	1080
1930	-	-	14	14	-	-	-	579	1055
1931	8	20	-	-	-	-	-	530	926
1932	5	20	-	-	-	-	-	512	927
1933	17	22	3	28	-	-	-	607	1018
1934	30	12	-	-	-	-	-	544	1306
1935	68	14	47	26	3	-	13	318	1197
1936	36	23	1	20	-	-	-	653	1171
1937	8	10	27	19	-	-	-	836	1058
1938	18	13	91	22	-	-	35	895	1337
10 Yr. Ave	19	16	21	22	.3	0	5	588	1108

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	146	4183	28	1047	30	106	-
1930	145	3977	206	1034	-	100	30
1931	127	3974	187	1078	-	167	4
1932	142	3814	84	1095	-	55	-
1933	118	3459	146	1145	21	91	27
1934	89	3995	124	1171	16	163	1286
1935	83	4295	227	1137	20	194	225
1936	78	4126	70	1134	15	97	658
1937	100	3996	264	1170	-	57	212
1938	133	4187	187	1118	10	103	379
10 Yr. Ave.	116	4001	152	1113	11	113	282

10 Yr. Ave. Acres - Spring Wheat 16

*Included in "All Tame Hay."

Popcorn .4 Flaxseed 13

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

Freedom Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	120	20936	175	8714	46	6437	45	18	20	138	28
1930	123	21106	172	9033	39	3843	43	20	18	74	30
1931	115	20941	182	9358	35	6657	33	-	-	33	20
1932	112	21772	194	9251	37	6892	31	-	-	47	15
1933	113	21699	192	9022	56	7165	32	-	-	3	50
1934	114	21773	191	7266	33	6489	15	-	-	-	-
1935	119	21734	183	8163	45	6962	39	-	-	65	27
1936	120	21746	181	8724	26	5362	34	-	-	-	-
1937	113	21743	192	9020	59	6493	53	-	-	87	33
1938	134	21715	162	8575	60	6289	36	-	-	78	32
10 Yr. Ave.	118	21522	182	8712	44	6609	36	4	19	52	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	10	24	-	-	-	-	-	347	553
1930	-	-	-	-	-	-	-	358	542
1931	-	-	-	-	-	-	-	357	616
1932	-	-	-	-	-	-	-	418	757
1933	-	-	-	-	-	-	-	526	846
1934	-	-	12	15	-	-	-	504	1628
1935	12	5	20	12	10	-	-	471	1088
1936	12	20	7	25	-	-	-	519	978
1937	17	28	115	22	-	-	-	710	1082
1938	14	16	165	27	-	6	-	582	1200
10 Yr. Ave.	6	19	32	24	1	1	0	479	929

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	55	3633	13	995	351	79	-
1930	48	3156	21	1068	270	31	-
1931	34	2633	13	1185	295	107	-
1932	26	2674	31	1181	215	620	98
1933	31	2965	78	1161	174	224	30
1934	11	3282	43	1242	390	67	1343
1935	25	3280	209	1226	447	104	123
1936	11	3754	44	1284	45	56	969
1937	3	3243	13	1271	110	87	202
1938	-	3721	35	1092	-	22	524
10 Yr. Ave.	24	3234	50	1170	230	140	329

10 Yr. Ave. Acres - Spring Wheat 19

*Included in "All Tame Hay."

Popcorn 0 Flaxseed 11

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Fremont Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	108	22062	204	9377	46	7816	45	53	26	38	19
1930	122	22327	183	9948	36	7364	40	15	30	14	26
1931	114	21777	191	9625	30	7352	25	18	25	21	14
1932	112	22779	203	9978	38	7720	34	42	21	106	13
1933	111	22781	205	9875	53	8229	31	9	15	8	18
1934	117	22085	189	7782	35	7481	11	15	10	-	-
1935	110	22236	202	8854	37	7911	32	30	12	145	14
1936	109	22739	209	9753	22	6505	32	19	35	22	14
1937	108	22741	211	9892	56	7080	49	34	24	21	47
1938	103	22939	223	9131	59	7019	34	21	21	76	29
10 Yr. Ave.	111	22447	201	9422	42	7448	33	26	23	45	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	15	-	189	720
1930	-	-	-	-	-	31	5	269	673
1931	-	-	-	-	-	-	-	326	629
1932	1	9	-	-	-	-	-	345	550
1933	-	-	-	-	5	-	-	425	611
1934	-	-	-	-	-	-	5	381	677
1935	22	23	-	-	-	-	-	402	838
1936	-	-	21	7	-	5	-	439	778
1937	8	29	62	21	-	43	7	490	867
1938	-	-	228	25	-	8	15	483	1044
10 Yr. Ave.	3	24	31	23	.5	10	3	375	739

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	56	2731	32	1088	20	117	14
1930	135	2818	9	1327	19	-	-
1931	104	2515	20	1406	43	44	-
1932	106	2732	42	1251	32	180	39
1933	52	2524	40	1122	69	205	32
1934	56	2829	35	1134	1	115	1955
1935	38	2946	96	1192	-	146	18
1936	100	3022	22	1230	44	239	984
1937	40	2756	86	1231	10	221	426
1938	43	2880	13	1290	5	273	901
10 Yr. Ave.	73	2775	40	1227	24	154	437

10 Yr. Ave. Acres-- Spring Wheat 20

*Included in "All Tame Hay".

Popcorn .4 Flaxseed 2 Source:

Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

Hamilton Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	116	21966	189	8694	47	7270	38	20	30	211	31
1930	121	22877	189	9429	37	7132	41	47	20	114	19
1931	119	22687	191	9352	43	7304	35	-	-	35	26
1932	119	22687	190	9268	49	7300	38	-	-	56	17
1933	118	22762	193	9329	57	7322	31	-	-	64	27
1934	120	22998	192	7789	24	6716	8	2	2	32	6
1935	119	22885	192	8186	44	7686	35	-	-	54	27
1936	116	22510	194	8751	21	6330	34	-	-	8	24
1937	117	22647	194	9073	57	6418	46	5	4	60	36
1938	118	22138	196	8710	61	6396	31	-	-	78	30
10 Yr. Ave.	118	22711	192	8856	45	6987	34	7	21	71	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	35	14	-	-	-	-	-	285	735
1930	-	-	-	-	-	-	32	240	648
1931	5	22	-	-	-	-	-	366	754
1932	14	8	-	-	-	-	-	312	808
1933	5	15	-	-	-	-	13	375	740
1934	5	8	-	-	-	-	-	408	1421
1935	95	17	-	-	-	-	-	376	1068
1936	17	16	10	10	-	-	-	457	862
1937	33	23	174	16	5	-	-	607	1118
1938	18	11	174	21	-	100	122	645	1401
10 Yr. Ave.	23	16	36	18	.5	10	17	407	956

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	59	3670	31	1059	-	182	-
1930	45	3721	49	1155	89	416	-
1931	59	3711	125	1162	-	179	1
1932	34	3724	71	1163	30	169	-
1933	35	3582	76	1119	50	427	-
1934	74	4009	86	1156	3	496	1209
1935	40	3893	204	1198	-	439	22
1936	55	4010	43	1155	-	75	1214
1937	63	3913	95	1141	-	46	493
1938	36	3927	130	1268	-	67	811
10 Yr. Ave.	50	3816	91	1158	17	250	375

10 Yr. Ave. Acres - Spring Wheat 50

*Included in "All Tame Hay."

Flaxseed 0 Popcorn 1

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

Independence Township

Independence Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	121	21083	174	8270	45	6020	45	-	-	273	28
1930	119	20918	176	8769	37	5896	42	-	-	158	29
1931	122	21672	178	9010	39	5862	34	-	-	83	27
1932	121	21340	176	8748	47	5902	40	14	21	150	29
1933	123	21570	175	8708	55	6093	28	20	22	208	24
1934	125	21587	173	7116	31	5482	12	26	8	183	11
1935	125	21676	173	7519	41	6310	35	-	-	241	24
1936	125	21564	173	8508	21	5176	30	5	32	54	25
1937	122	21519	176	8618	53	5471	46	54	12	49	32
1938	122	21624	177	8134	57	5515	34	-	-	43	27
10 Yr. Ave.	122	21455	175	8340	44	5773	35	12	15	144	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	25	19	-	-	-	-	-	366	833
1930	2	14	-	-	-	-	-	372	783
1931	1	35	-	-	-	-	-	466	828
1932	1	25	14	12	-	-	-	476	903
1933	1	35	1	30	-	-	-	506	913
1934	5	17	26	5	-	-	-	607	1457
1935	24	18	47	17	-	-	27	384	1186
1936	17	22	24	17	-	-	15	605	1154
1937	43	25	69	18	-	-	-	723	1216
1938	40	23	183	22	4	12	10	583	1355
10 Yr. Ave.	16	22	36	19	.4	1	5	509	1063

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber Only Acres	Waste-land Acres	Idle Crop Land Acres
1929	46	4147	72	1083	146	168	-
1930	41	4064	84	1013	108	-	-
1931	81	4181	100	1202	322	2	-
1932	37	3982	87	1124	326	36	16
1933	90	4037	54	1021	400	22	2
1934	67	3954	215	1124	131	454	1347
1935	58	4303	256	1182	179	301	43
1936	33	4088	98	1113	13	390	876
1937	67	4151	91	1142	2	406	140
1938	40	4161	104	1154	16	454	411
10 Yr. Ave.	56	4107	116	1116	164	223	284

10 Yr. Ave. Acres - Spring Wheat 13

*Included in "All Tame Hay."

Popcorn 0 Flaxseed .5

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

Liberty Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	139	22114	159	9005	43	6890	34	-	-	273	25
1930	139	22630	163	9272	36	7182	41	-	-	40	29
1931	138	22391	162	9613	33	6597	31	-	-	99	19
1932	143	22933	160	9464	43	7063	35	-	-	46	26
1933	142	22690	160	9274	52	7532	29	-	-	97	21
1934	140	23016	164	7596	24	6953	9	-	-	77	7
1935	140	23010	164	8255	41	8079	34	-	-	51	28
1936	137	23006	168	9071	20	6646	31	-	-	71	16
1937	136	22991	169	9242	52	6946	47	72	13	46	17
1938	142	22808	161	8338	52	6765	27	-	-	52	17
10 Yr. Ave.	140	22759	163	8913	40	7065	32	7	13	85	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	12	18	-	-	-	-	-	220	785
1930	2	9	-	-	-	-	-	306	777
1931	-	-	-	-	-	-	-	332	781
1932	20	7	-	-	-	-	-	301	707
1933	9	26	-	-	-	6	-	359	696
1934	10	4	19	18	-	-	-	429	1060
1935	22	20	42	15	-	-	-	284	993
1936	33	17	-	-	-	-	-	447	956
1937	57	10	31	13	5	-	-	524	992
1938	39	16	25	32	-	-	-	591	1358
10 Yr. Ave.	20	14	12	19	.5	1	0	379	910

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	237	3447	119	1177	42	100	27
1930	244	3744	14	1253	-	72	30
1931	191	3726	34	1264	-	76	10
1932	120	3855	46	1208	82	80	242
1933	140	3649	32	1229	-	31	1
1934	135	3758	42	1192	3	15	2156
1935	202	3951	43	1241	9	92	30
1936	144	4470	25	1293	-	97	200
1937	145	3867	26	1296	2	28	236
1938	149	4219	135	1324	7	56	341
10 Yr. Ave.	171	3869	52	1248	14	65	327

10 Yr. Ave. Acres - Spring Wheat 7

Flaxseed 5 Popcorn .1

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	129	22952	178	10012	44	7226	42	69	31	114	30
1930	128	23213	181	10220	41	7346	41	31	21	162	28
1931	128	23179	181	10748	39	6876	38	-	-	148	32
1932	128	23149	181	10775	47	6931	37	-	-	141	24
1933	134	23123	173	10568	47	7395	35	31	22	152	28
1934	139	23047	166	8654	30	6988	11	-	-	120	10
1935	139	23031	166	8959	43	7942	35	-	-	137	25
1936	133	23103	174	10095	23	7052	36	10	33	54	20
1937	132	23102	175	10004	57	7502	47	45	33	31	33
1938	132	22942	174	9162	55	6839	30	22	20	14	22
10 Yr. Ave.	132	23084	175	9920	43	7210	35	21	28	107	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	16	6	-	-	8	283	1133
1930	-	-	-	-	-	-	-	338	1244
1931	-	-	-	-	-	-	6	408	1302
1932	-	-	-	-	-	-	-	383	1229
1933	-	-	2	8	-	-	-	485	1033
1934	-	-	6	2	-	-	-	525	1563
1935	8	25	29	23	-	-	-	397	1520
1936	3	20	48	12	-	-	-	580	1226
1937	6	17	42	17	-	5	-	868	1427
1938	-	-	31	20	15	-	38	973	1931
10 Yr. Ave.	2	21	17	16	2	.5	5	524	1361

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	73	2895	69	1175	7	108	47
1930	59	2840	22	1156	5	98	30
1931	45	2806	22	1144	-	51	31
1932	47	2716	50	1136	-	83	41
1933	36	2545	92	1144	8	68	49
1934	378	3259	110	1128	-	20	821
1935	29	2872	144	1137	-	67	167
1936	15	2978	19	1176	-	53	374
1937	13	2610	60	1165	6	105	86
1938	5	3236	66	1162	-	80	341
10 Yr. Ave.	70	2876	65	1152	3	73	201

10 Yr. Ave. Acres - Spring Wheat 26

Popcorn 0 Flaxseed 6

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay".

Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

Lyon Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	114	20280	178	7540	46	5449	43	4	22	180	29
1930	119	20231	170	8183	35	5279	38	-	-	98	33
1931	120	20475	171	8489	36	5528	32	-	-	56	12
1932	121	20235	167	8591	43	5675	34	-	-	50	33
1933	122	20571	169	8067	49	5712	30	-	-	80	35
1934	122	20650	169	6456	24	5196	9	-	-	58	5
1935	124	20726	167	6802	41	6101	35	-	-	82	21
1936	122	20570	169	7584	21	5242	33	-	-	7	31
1937	122	20607	169	7812	55	5539	49	-	-	10	35
1938	124	20691	167	7287	55	5330	30	37	23	20	25
10 Yr. Ave.	121	20504	169	7681	41	5505	33	4	23	64	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	217	786
1930	-	-	-	-	-	-	-	181	835
1931	1	10	-	-	-	-	-	254	721
1932	-	-	-	-	-	-	-	365	658
1933	2	5	4	13	-	-	2	300	1261
1934	10	14	-	-	-	-	-	363	905
1935	64	17	-	-	-	-	-	266	784
1936	17	7	-	-	-	-	-	367	917
1937	46	28	-	-	-	-	-	525	841
1938	36	26	-	-	-	-	-	519	1134
10 Yr. Ave.	18	20	.4	1	0	0	.2	336	884

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	168	4673	18	1032	-	430	-
1930	92	4846	17	881	-	-	-
1931	41	4771	11	857	-	-	-
1932	62	4209	124	866	-	-	-
1933	98	4304	139	802	35	14	51
1934	63	4820	444	884	-	-	1814
1935	82	5356	243	903	-	300	9
1936	96	4903	137	872	-	300	495
1937	102	5179	119	879	-	12	68
1938	85	5124	116	822	-	3	692
10 Yr. Ave.	89	4818	137	830	4	106	313

10 Yr. Ave. Acres - Spring Wheat 10

Popcorn 0 Flaxseed 16

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay.

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Marion Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BAPLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	127	21016	165	8578	48	5679	42	-	-	516	38
1930	124	20134	162	8274	31	5717	41	5	27	275	34
1931	122	20887	171	8642	36	5911	36	-	-	150	23
1932	121	20598	170	8646	48	5629	38	-	-	340	29
1933	129	20728	161	8657	55	5765	29	-	-	403	22
1934	133	21880	165	7723	28	4989	10	7	13	414	10
1935	135	21674	161	8196	42	6308	35	12	20	439	26
1936	141	21380	152	8792	24	5324	30	-	-	206	19
1937	138	21789	158	9036	53	5751	53	6	51	309	39
1938	137	21485	157	8490	60	5634	36	27	14	365	35
10 Yr. Ave.	131	21157	162	8503	43	5671	35	6	18	342	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	352	1303
1930	-	-	-	-	-	-	-	339	1234
1931	4	19	-	-	-	-	-	461	1239
1932	-	-	-	-	-	-	-	589	1200
1933	-	-	-	-	-	-	-	690	1338
1934	1	17	-	-	-	-	-	684	2193
1935	27	21	10	18	7	-	-	635	1542
1936	51	16	33	16	-	-	-	713	1430
1937	67	25	127	19	-	-	-	788	1411
1938	40	22	183	24	-	-	47	777	1502
10 Yr. Ave.	19	21	35	21	1	0	5	603	1439

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	65	3736	37	1042	-	60	-
1930	-	3510	32	1004	-	83	-
1931	26	3786	22	1049	-	58	-
1932	-	3745	25	991	-	22	-
1933	-	3387	34	1006	-	103	35
1934	21	3932	27	1124	-	152	1297
1935	28	3590	202	1125	-	138	50
1936	22	3809	6	1108	-	85	514
1937	24	3669	18	1128	-	140	103
1938	18	3773	28	1126	-	118	134
10 Yr. Ave.	20	3694	43	1070	0	96	213

10 Yr. Ave. Acres - Spring Wheat 22

Flaxseed 2 Popcorn .2

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

21

Rose Grove Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	116	23440	202	9262	44	7413	34	37	27	40	16
1930	116	23119	199	9136	33	6962	36	10	12	65	27
1931	121	23557	195	10009	26	6954	27	-	-	97	11
1932	121	22827	189	9778	38	7091	28	25	24	185	14
1933	116	23064	199	9591	48	7546	30	21	31	188	13
1934	120	23063	192	7465	29	7261	7	0	-	70	2
1935	126	23074	183	8290	39	7102	33	0	-	103	30
1936	122	23041	189	9438	22	6324	35	85	22	34	23
1937	120	22736	189	9282	53	6265	47	100	28	59	33
1938	119	23465	197	8754	53	6298	32	42	10	115	20
10 Yr. Ave.	120	23139	193	9100	39	6922	31	32	23	96	18

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	32	23	-	-	-	-	-	208	1194
1930	68	7	2	8	-	-	-	333	934
1931	20	14	-	-	-	-	-	302	1079
1932	-	-	-	-	-	-	-	270	729
1933	60	30	20	14	-	-	25	315	928
1934	100	12	7	16	-	-	-	282	842
1935	27	9	37	15	-	-	30	284	1148
1936	3	9	65	19	-	-	-	448	883
1937	14	21	122	18	-	-	-	636	1048
1938	-	-	197	22	-	-	11	657	1496
10 Yr. Ave.	32	16	45	19	0	0	7	374	1028

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	198	3886	59	1309	-	10	-
1930	219	3865	629	1179	50	-	-
1931	87	3990	52	1269	-	-	-
1932	115	3483	171	1240	10	-	-
1933	123	3182	219	1050	6	104	1
1934	51	3253	244	1364	-	140	2266
1935	49	4685	166	1293	8	70	66
1936	86	3108	153	2000	60	-	802
1937	82	3449	125	1743	83	61	303
1938	74	3318	51	2013	-	78	518
10 Yr. Ave.	108	3672	187	1446	22	46	396

10 Yr. Ave. Acres - Spring Wheat 6

Popcorn .1 Flaxseed 8

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 16
LAND UTILIZATION AND YIELDS

Scott Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	148	22808	154	10122	46	6733	40	-	-	132	28
1930	155	22458	145	10153	34	6645	38	4	25	94	31
1931	156	22625	145	10403	42	6342	38	5	25	111	37
1932	155	22917	148	10592	48	6558	34	-	-	161	27
1933	159	22780	143	10521	47	6853	33	4	18	115	29
1934	155	23252	150	8242	26	6641	10	4	19	82	10
1935	155	23380	151	9047	44	7541	33	-	-	201	28
1936	154	23268	151	9702	21	6440	32	6	23	72	23
1937	154	23411	152	9864	52	6491	48	40	21	95	37
1938	151	23183	154	3801	57	6460	30	25	16	59	21
10 Yr. Ave.	154	23008	149	9745	42	6670	34	9	20	112	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	405	948
1930	4	14	10	12	-	-	-	375	1108
1931	5	18	-	-	-	-	-	495	938
1932	-	-	3	20	-	-	-	423	958
1933	-	-	3	17	-	-	-	519	879
1934	3	7	14	13	-	-	-	583	1518
1935	29	8	-	-	-	-	-	389	1366
1936	20	16	5	10	-	-	-	569	1229
1937	11	30	29	17	-	-	-	881	1365
1938	7	14	36	17	-	-	15	919	1679
10 Yr. Ave.	8	14	10	16	0	0	2	556	1199

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	38	3681	138	966	-	-	-
1930	64	3356	31	939	-	-	-
1931	26	3852	46	880	-	17	-
1932	44	3619	30	944	-	8	-
1933	43	3217	46	1077	5	13	4
1934	38	3582	88	1204	8	19	1809
1935	39	3460	361	1267	-	41	28
1936	32	3705	240	1261	6	28	522
1937	27	3681	289	1272	12	22	213
1938	24	4017	233	1257	-	70	500
10 Yr. Ave.	42	3617	150	1112	5	22	308

10 Yr. Ave. Acres - Spring Wheat 6

Flaxseed 3 Popcorn 0

(Acreages also shown in "All Other Crops".

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 17
LAND UTILIZATION AND YIELDS

Webster Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	106	19507	184	6685	40	4828	35	-	-	170	22
1930	127	21386	168	7300	31	5133	35	-	-	20	30
1931	132	22175	168	7377	30	5486	27	-	-	20	30
1932	123	21669	176	7476	38	5407	34	-	-	88	20
1933	140	21789	156	7236	52	5607	26	-	-	30	27
1934	127	21182	167	5900	24	4581	7	-	-	73	8
1935	128	20773	162	5721	43	5241	34	-	-	142	22
1936	138	21320	154	7126	22	4316	28	-	-	65	22
1937	119	21537	181	7081	51	4854	51	-	-	49	27
1938	127	22378	180	6851	60	4663	35	20	16	142	33
10 Yr. Ave.	127	21422	169	6837	40	5012	31	2	16	80	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red &	Sweet	Alfalfa Acres*	All Tame
						Als Clo	Clover		Hay
						Acres*	Acres		Acres
1929	-	-	-	-	-	-	-	255	623
1930	-	-	-	-	-	-	-	315	578
1931	5	16	-	-	-	-	-	320	546
1932	29	16	-	-	-	-	-	372	604
1933	3	13	-	-	-	-	-	380	692
1934	-	-	25	7	-	116	-	419	1001
1935	13	10	117	14	21	-	-	338	917
1936	6	10	47	9	-	33	-	432	870
1937	46	21	14	19	-	32	16	596	1051
1938	40	23	170	23	-	200	-	543	1760
10 Yr. Ave.	14	19	37	17	2	28	2	398	864

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	35	6332	14	800	20	-	-
1930	27	7509	-	819	-	-	-
1931	25	7745	19	952	-	-	-
1932	20	7077	15	953	-	-	-
1933	17	7228	44	882	-	-	-
1934	8	6689	67	876	20	696	1246
1935	7	6910	111	724	27	609	143
1936	5	7179	38	794	73	309	492
1937	-	6757	302	874	15	306	172
1938	7	7853	33	955	18	301	65
10 Yr. Ave.	15	7128	64	863	17	222	212

10 Yr. Ave. Acres - Spring Wheat 14

*Included in "All Tame Hay."

Popcorn 1 Flaxseed 3

Source: Iowa Department of Agriculture.

(Acreages Also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 18
LAND UTILIZATION AND YIELDS

Williams Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	107	21921	205	8951	39	7361	40	-	-	129	30
1930	118	22022	187	9213	33	7598	37	-	-	24	31
1931	119	22621	190	10027	19	7203	21	1	50	80	16
1932	115	22154	193	9862	34	7477	29	3	20	45	17
1933	116	21982	190	9650	50	7830	33	8	9	79	23
1934	114	22512	197	7546	27	7131	7	5	3	89	7
1935	113	22426	198	8662	39	7317	31	-	-	144	17
1936	111	22119	199	9231	23	6894	36	-	-	19	19
1937	111	22314	201	9290	51	7082	42	-	-	-	-
1938	117	22517	192	8737	54	7021	33	27	22	-	-
10 Yr. Ave.	114	22259	195	9117	37	7341	31	5	18	61	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	159	23	15	9	-	-	-	226	687
1930	159	10	-	-	-	22	-	258	717
1931	70	10	-	-	-	-	-	329	606
1932	16	14	-	-	-	-	-	344	592
1933	58	24	20	16	-	-	-	291	626
1934	130	11	-	-	-	-	-	298	568
1935	155	6	164	12	20	-	-	156	957
1936	126	18	19	20	-	-	19	268	622
1937	105	14	56	14	-	-	-	445	843
1938	9	17	115	19	-	6	10	526	1154
10 Yr. Ave.	99	14	39	15	2	1	3	314	737

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	8	3357	20	1083	-	151	-
1930	-	2717	183	1395	-	18	-
1931	-	3151	3	1495	-	-	5
1932	6	2745	52	1311	-	40	-
1933	13	2526	53	1096	-	23	-
1934	9	2905	106	1246	-	17	2760
1935	35	3186	25	1200	-	24	37
1936	27	2820	46	1198	23	15	1060
1937	19	3267	29	1274	-	103	246
1938	15	3094	36	1092	-	462	747
10 Yr. Ave.	13	2975	55	1239	2	85	486

10 Yr. Ave. Acres - Spring Wheat 0

Flaxseed 16 Popcorn 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 19
LAND UTILIZATION AND YIELDS

Total Incorp rated Town Data - Blairsburg, Ellsworth, Jewell, Kamrar, Stanhope,
Stratford, Webster City, Williams

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	133	6462	49	2418	45	1395	42	-	-	95	37
1930	170	6156	36	2233	33	1306	38	34	24	20	28
1931	125	6245	50	2322	34	1310	31	20	20	37	35
1932	126	5811	46	2232	45	1241	37	-	-	39	24
1933	141	6002	43	1771	54	1548	30	-	-	45	17
1934	143	5994	42	1628	24	1009	11	32	5	30	10
1935	146	6237	43	1927	43	1249	35	-	-	44	25
1936	114	5457	48	1962	22	979	31	-	-	20	10
1937	122	5679	47	2215	52	1100	51	-	-	-	-
1938	129	5359	42	1939	54	1094	33	-	-	-	-
10 Yr. Ave.	135	5940	44	2065	41	1223	34	9	16	33	26
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	20	20	2	10	-	-	-	76	342		
1930	-	-	-	-	-	-	-	121	325		
1931	-	-	2	9	-	-	-	132	324		
1932	-	-	-	-	-	-	-	103	246		
1933	-	-	6	13	-	-	-	185	289		
1934	-	-	-	-	-	-	-	298	452		
1935	20	20	10	15	-	-	-	162	308		
1936	30	18	-	-	-	-	-	119	271		
1937	5	30	-	-	-	-	-	157	293		
1938	-	-	5	14	-	-	11	109	347		
10 Yr. Ave.	8	20	2	14	0	0	1	146	320		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	24	1625	8	365	-	165	3				
1930	19	1610	22	407	33	143	4				
1931	9	1371	58	343	26	325	98				
1932	13	1419	41	331	55	194	-				
1933	12	1637	52	422	-	167	53				
1934	11	1836	39	467	-	198	292				
1935	17	1717	355	372	23	191	4				
1936	20	1537	30	305	-	170	133				
1937	14	1432	61	371	-	143	45				
1938	11	1286	54	357	28	182	45				
10 Yr. Ave.	15	1547	72	374	16	188	68				

10 Yr. Ave. Acres - Spring Wheat 18

*Included in "All Tame Hay."

Popcorn .5 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 20
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	5,573	2,131	2,246	50	-	5,931
1880	23,100	8,180	6,537	163	1,292	26,845
1890	51,740	14,649	11,689	265	1,186	47,968
1900	51,237	17,709	13,963	400	3,107	61,032
1910	40,977	12,798	16,839	408	4,585	44,969
1920	39,527	10,175	15,890	697	3,855	86,644
1925	40,863	12,424	13,469	908	3,990	111,589
1930	35,068	12,806	12,917	716	6,845	106,447
1935	45,890	15,493	9,870	617	17,842	69,803
1936	48,237	15,042	9,815	649	12,181	85,071
1937	45,897	14,951	9,209	605	9,235	75,447
1938	48,133	14,536	8,571	553	8,365	89,209
1939	48,133	14,187	8,033	544	9,790	90,866

The figures in this table for the years 1870-1935, inclusive, have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State Farm Assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 21 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 21
LIVESTOCK NUMBERS
By Township

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Blairsburg	571	44	2840	1227	5792	489	48	2091	453	5332
Cass	510	41	2750	1174	4508	433	43	2363	590	4006
Clear Lake	599	30	3011	64	4634	577	15	2706	68	3824
Ellsworth	588	16	2719	288	3270	591	15	2716	142	-
Freedom	509	43	2570	867	5596	455	42	2417	714	5065
Fremont	507	41	1881	267	3065	515	32	1851	386	3589
Hamilton	501	17	3047	702	5203	473	17	2647	415	4827
Independence	559	31	2466	705	5042	504	37	2569	938	3886
Liberty	635	38	2535	215	2946	564	34	2397	268	2646
Lincoln	706	22	3146	196	3721	656	17	2818	150	3283
Lyon	478	33	2500	654	3860	440	23	2266	379	3274
Marion	468	47	3129	13	4761	479	45	2780	75	4072
Rose Grove	548	33	2792	215	3070	466	18	2549	458	2787
Scott	772	6	2926	269	3530	742	12	2761	201	3268
Webster	465	37	2260	474	3348	397	41	2092	451	2674
Williams	563	50	2221	482	3357	487	52	1986	280	3108
ALL TOWNS	601	4	619	101	526	120	12	508	75	591
COUNTY	9107	533	43412	7913	66229	8388	503	39517	6043	56232

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Blairsburg	443	42	2507	429	5676	400	38	2628	842	6615
Cass	391	39	2176	508	4508	345	43	2450	531	5190
Clear Lake	509	11	2960	63	4692	451	9	2969	28	5054
Ellsworth	578	14	2349	191	2913	512	17	2387	102	2853
Freedom	416	39	2470	480	5251	361	41	2622	410	5885
Fremont	480	23	2050	321	3542	427	12	2051	289	4017
Hamilton	440	23	2743	566	5895	410	26	2909	1638	6318
Independence	495	33	2746	450	4375	479	29	2703	470	4851
Liberty	533	36	2424	83	2775	508	28	2497	99	3031
Lincoln	615	25	3295	757	3560	620	31	3313	282	4262
Lyon	431	25	2341	338	3001	411	26	2196	339	3482
Marion	447	40	3021	130	4785	404	39	3035	184	4662
Rose Grove	467	14	2691	134	3365	487	21	2454	417	3868
Scott	687	9	2770	476	3155	628	12	2907	301	4006
Webster	389	40	1940	388	3191	392	37	2099	701	3889
Williams	424	49	1901	427	3532	449	43	1907	299	3922
ALL TOWNS	133	8	610	70	652	129	13	549	106	439
COUNTY	7878	470	40994	5811	64868	7413	465	41676	7038	72344

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 20 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
CREAMERY STATISTICS
1905-1939

Year	Number of Creameries In County	Butter Made	Butter Sold in Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	4	728	82	645
1906	2	272	21	*
1907	4	557	10	*
1908	4	645	67	*
1909	4	638	57	*
1910	4	457	22	*
1911	4	1,116	43	*
1912	5	445	51	395
1913	5	422	70	352
1914	5	357	88	269
1915	5	290	70	220
1916	5	310	65	245
1917	5	198	80	118
1918	5	131	34	71
1919	3	68	8	45
1920	4	850	816	12
1921	5	195	70	125
1922	7	260	79	190
1923	6	471	145	326
1924	5	547	183	367
1925	4	621	289	330
1926	4	615	300	318
1927	5	928	226	528
1928	5	1,013	384	629
1929	5	1,019	347	674
1930	5	1,144	442	698
1931	4	1,156	404	750
1932	4	1,209	501	705
1933	4	1,304	501	802
1934	4	1,344	592	749
1935	3	1,120	521	598
1936	3	998	667	352
1937	3	1,035	657	378
1938	3	1,116	1,115	*
1939	*	*	*	*

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Not given in source.

TABLE 23
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	49,466	191,504
1885	89,845	263,148
1890	178,097	640,975
1895	197,950	722,608
1900	217,287	866,490
1905	285,192	829,301
1910	316,586	1,073,544
1915	325,143	1,207,850
1920	317,920	1,325,498
1925	347,066	1,594,074
1930	360,743	2,220,817
1935	319,689	1,605,925

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 24
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2228	2112	1950	17	27	93	8	0	4	3
1932	2160	2060	1892	9	20	90	14	2	5	0
1934	2220	2094	1836	17	21	83	18	2	15	4
1936	2164	2097	1944	12	13	56	40	<u>1/</u>	46	3
1938	2181	2087	1929	17	15	59	45	<u>1/</u>	167	1
Average	2191	2090	1910	14	19	76	25	1	47	2

Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	1	534	815	12	<u>1/</u>	66	137	6	60	158
1932	0	294	931	28	<u>62</u>	71	147	46	117	113
1934	0	202	1042	334	182	87	52	213	494	155
1936	1	382	1023	376	108	<u>1/</u>	<u>1/</u>	<u>1/</u>	139	128
1938	4	386	1209	742	126	<u>1/</u>	<u>1/</u>	<u>1/</u>	122	105
Average	1	360	1004	298	120	75	112	88	186	132

Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	0	3	2	2102	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1705
1932	0	0	0	2036	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1632
1934	0	1	2	2107	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1561
1936	1	3	4	2001	1841	215	1964	281	1700	1511
1938	1	22	24	2003	1839	215	1964	278	1743	1642
Average	0	6	6	2050	1840	215	1964	280	1722	1610

Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	849	433	1966	1217	168	16	30	140	9	24
1932	742	288	1872	816	139	91	34	162	28	22
1934	818	259	1910	1138	430	50	28	282	1475	116
1936	1148	227	1963	1604	426	89	18	208	653	153
1938	1413	234	1935	1714	<u>1/</u>	<u>1/</u>	14	290	392	131
Average	994	288	1929	1298	291	62	25	216	511	89

1/ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	757	35.5	110,199	31.1	165	7.7	36,465	10.3
1930	806	36.2	112,212	31.5	173	7.7	37,595	10.6
1932	737	34.1	101,814	28.5	157	7.3	34,594	9.7
1934	745	33.5	103,092	28.6	157	7.1	32,761	9.1
1936	651	30.1	91,790	25.6	194	9.0	42,486	11.8
1938	731	33.5	99,820	27.7	200	9.2	43,296	12.0
1928 - 38 Average	738	33.8	103,155	28.8	174	8.0	37,866	10.6
Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,212	56.8	207,534	58.6	2,134	100.0	354,198	100.0
1930	1,249	56.1	205,801	57.9	2,228	100.0	355,608	100.0
1932	1,266	58.6	220,569	61.8	2,160	100.0	356,977	100.0
1934	1,318	59.4	224,463	62.3	2,220	100.0	360,316	100.0
1936	1,319	60.9	224,418	62.6	2,164	100.0	358,694	100.0
1938	1,250	57.3	217,742	60.3	2,181	100.0	360,858	100.0
1928 - 38 Average	1,269	58.2	216,754	60.6	2,181	100.0	357,775	100.0

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 26
YEARS OF TENURE
January 1, 1935

Owners	Hamilton County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	28	3.7	4,442	5.2
1 year	25	3.3	3,198	3.8
2 years	30	3.9	3,282	3.8
3 years	31	4.0	2,857	3.4
4 years	29	3.8	3,228	3.8
5-9 years	82	10.7	11,726	13.8
10-14 years	97	12.7	11,279	13.2
15 years and over	443	57.9	45,076	53.0
TOTALS	765	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	187	15.8	21,763	20.1
1 year	124	10.4	15,053	13.9
2 years	136	11.5	11,555	10.7
3 years	94	7.9	8,285	7.7
4 years	82	6.9	7,564	7.0
5 years and over	564	47.5	43,826	40.6
TOTALS	1,187	100.0	108,046	100.0

Source: U.S. Agricultural Census.

TABLE 27
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms											
	1928		1930		1932		1934		1936		1938	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0- 9	45	2.02	59	2.65	41	1.90	60	2.70	29	1.34	38	1.74
10- 29	66	3.09	96	4.31	82	3.80	90	4.05	71	3.28	85	3.90
30- 49	69	3.23	90	4.04	85	3.93	82	3.70	92	4.25	91	4.17
50- 69	46	2.16	40	1.80	40	1.85	47	2.12	43	1.99	43	1.97
70-109	324	15.18	361	16.20	330	15.28	350	15.77	341	15.76	328	15.04
110-149	359	16.82	351	15.75	349	16.16	351	15.81	350	16.17	358	16.41
150-189	581	27.23	572	25.67	576	26.67	609	27.43	596	27.54	582	26.68
190-229	171	8.01	194	8.71	187	8.66	176	7.95	188	8.69	188	8.62
230-269	210	9.84	216	9.70	215	9.95	201	9.05	205	9.47	204	9.55
270-309	72	3.37	67	3.01	63	2.92	73	3.29	73	3.37	78	3.58
310-349	97	4.55	93	4.17	96	4.44	92	4.14	97	4.48	93	4.26
350-389	41	1.92	36	1.62	37	1.71	40	1.80	31	1.43	36	1.65
390-429	23	1.08	21	.92	20	.93	21	.95	20	.92	24	1.10
430-469	10	.47	12	.54	18	.83	10	.45	9	.42	10	.46
470-509	14	.66	12	.51	12	.55	10	.45	6	.28	13	.60
510-549	0	0	2	.09	2	.09	2	.09	4	.19	2	.09
550-589	2	.09	1	.04	1	.05	2	.09	2	.09	3	.14
590-629	0	0	0	0	0	0	0	0	1	.05	1	.05
630-669	2	.09	1	.04	3	.14	2	.09	3	.14	2	.09
670-709	1	.05	1	.04	1	.05	0	0	0	0	1	.05
710-over	3	.14	3	.14	2	.09	2	.09	3	.14	1	.05
Total Farms	2134	100.00	2228	100.00	2160	100.00	2220	100.00	2164	100.00	2181	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 28
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	2,277	325	668	476
1927	2,347	360	753	662
1928	2,378	398	755	799
1929	2,325	429	786	986
1930	2,358	430	862	1,105
1931	2,338	433	880	1,222
1932	2,228	354	907	1,159
1933	2,077	284	767	810
1934	2,148	289	785	937
1935	2,148	261	868	1,197
1936	2,161	256	1,068	1,432
1937	2,147	233	1,220	1,621
1938	2,185	217	1,395	1,692
1939	2,208	217	1,558	1,760

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 29
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Totals	% Farm Land Corpo- rate Owned
Scott	2480	358	121	120	160	-	3239	14.08
Ellsworth	2204	160	-	-	-	-	2364	11.23
Clear Lake	1819	200	-	-	-	-	2019	8.39
Marion	345	50	536	-	-	-	931	4.30
Lincoln	3007	654	54	120	160	-	3995	16.75
Lyon	1291	340	40	-	-	-	1671	7.03
Hamilton	1066	-	-	-	-	-	1066	4.99
Webster	2624	797	2421	-	171	80	6093	27.82
Rose Grove	3920	1125	343	-	-	280	5668	24.00
Liberty	2299	155	-	-	-	-	2454	10.88
Independence	1373	20	794	-	155	170	2512	11.09
Freedom	1288	-	-	-	-	-	1288	5.96
Williams	4580	172	-	-	-	242	4994	22.20
Blairsburg	2410	240	-	-	-	40	2690	11.34
Cass	2499	393	-	-	-	595	3487	15.99
Fremont	2236	160	160	-	-	-	2556	10.95
County Total	35441	4824	4469	240	646	1407	47027	12.97

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 30
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Com- panies	Banks	Land Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Scott	2440	470	-	120	160	40	3230	14.04
Ellsworth	2275	-	-	-	-	43	2318	11.02
Clear Lake	1739	120	-	-	-	-	1859	7.73
Marion	540	17	536	-	-	-	1093	5.05
Lincoln	2581	494	54	-	160	-	3289	13.79
Lyon	1137	500	40	-	-	-	1677	7.05
Hamilton	1106	240	-	-	-	-	1346	6.30
Webster	2726	272	2249	-	-	300	5547	25.33
Rose Grove	4040	728	343	-	-	160	5271	22.32
Liberty	2616	917	-	-	-	-	3533	15.66
Independence	1453	348	844	-	-	223	2868	12.66
Freedom	1388	-	-	-	-	40	1428	6.61
Williams	4104	190	560	-	-	82	4936	21.94
Blairsburg	2766	479	-	-	-	40	3285	13.85
Cass	2632	291	-	-	-	595	3518	16.14
Fremont	1664	320	160	80	-	160	2384	10.22
County Total	35207	5386	4786	200	320	1683	47582	13.13

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 31
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	1,565	175,911	\$ -	\$ -	\$ 3,084,041	\$ 17.53	\$ 1,971
1890	1,887	305,536	-	-	7,394,730	24.20	3,919
1900	2,245	364,042	13,245,110	2,364,880	15,609,990	42.88	6,953
1910	2,219	357,803	33,805,775	4,577,891	38,383,666	107.27	17,298
1920	2,181	353,069	89,235,123	10,789,305	100,024,428	283.30	45,862
1925	2,171	350,450	55,858,475	11,403,675	67,262,150	191.93	30,982
1930	2,213	362,481	46,763,877	12,237,205	59,001,082	162.77	26,661
1935	2,263	363,299	-	-	32,027,670	88.16	14,153

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 32
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 9,758.55	\$ 46,292.80	\$ 56,051.35
Soldiers' Bonus Tax	3,006.26	8,336.65	11,342.91
General County Tax	7,317.67	34,713.73	42,031.40
Court Expense Tax	974.37	4,622.27	5,596.64
Poor Tax	7,317.67	34,713.73	42,031.40
Insane Tax, State Hospital	880.88	4,178.72	5,059.60
Insane Tax, County Hospital	260.82	1,237.28	1,498.10
County School Tax	1,220.42	5,789.52	7,009.94
Soldiers' Relief Tax	1,220.42	5,789.52	7,009.94
General County Bond Tax	2,096.39	9,944.88	12,041.27
Court House Tax	177.14	840.41	1,017.55
Emergency Tax	4,881.75	23,158.06	28,039.81
Bovine Tuberculosis Eradication	610.23	2,894.76	3,504.99
Secondary Roads - Construction	2,440.86	11,579.01	14,019.87
Secondary Roads - Maintenance	9,148.34	113,129.05	122,277.39
District School Tax	135,305.10	203,120.90	338,426.00
City Tax	58,409.52	-	58,409.52
Miscellaneous Taxes	2,610.11	26,998.11	29,608.22
Total	247,636.50	537,339.40	784,975.90

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report
State Board of Assessment and Review.

TABLE 33
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1923-29	1933-34	1938-39
1. Kindergarten	1	4	5
2. One-room rural elementary	111	100	94
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	13	14	13
5. Separately organized Jr. High	1	1	2
6. Jr.-Sr. High, one organization	1	-	-
7. Separately organized Sr. High	1	1	1
8. Regular High, 4 years or less	7	8	8
9. Junior College	1	1	1
Total Number of Schools	123	129	124

TABLE 34
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	124	120	108
2. One-room rural elementary	1823	1571	1264
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	1931	1947	1609
5. *Jr.-Sr. High, one organization	715	796	903
6. Regular High, 4 years or less	547	710	766
7. Junior College	34	40	37
Total Enrollment in all Schools	5174	5184	4742

* Includes enrollment for School Types 5, 6 and 7 in Table 33.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 35
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	-	124.68	124.68
Improved	8.3	-	41.75	50.05
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	10.3	178.05	537.10	775.45
Stone	-	-	-	-
Paved				
Dituminous	24.0	-	-	24.00
Concrete	54.2	-	-	54.20
Brick	-	-	-	-
County Total	96.3	178.05	753.53	1,028.33

Source: Annual Report, 1938
Iowa Highway Commission.